

FIG. 1

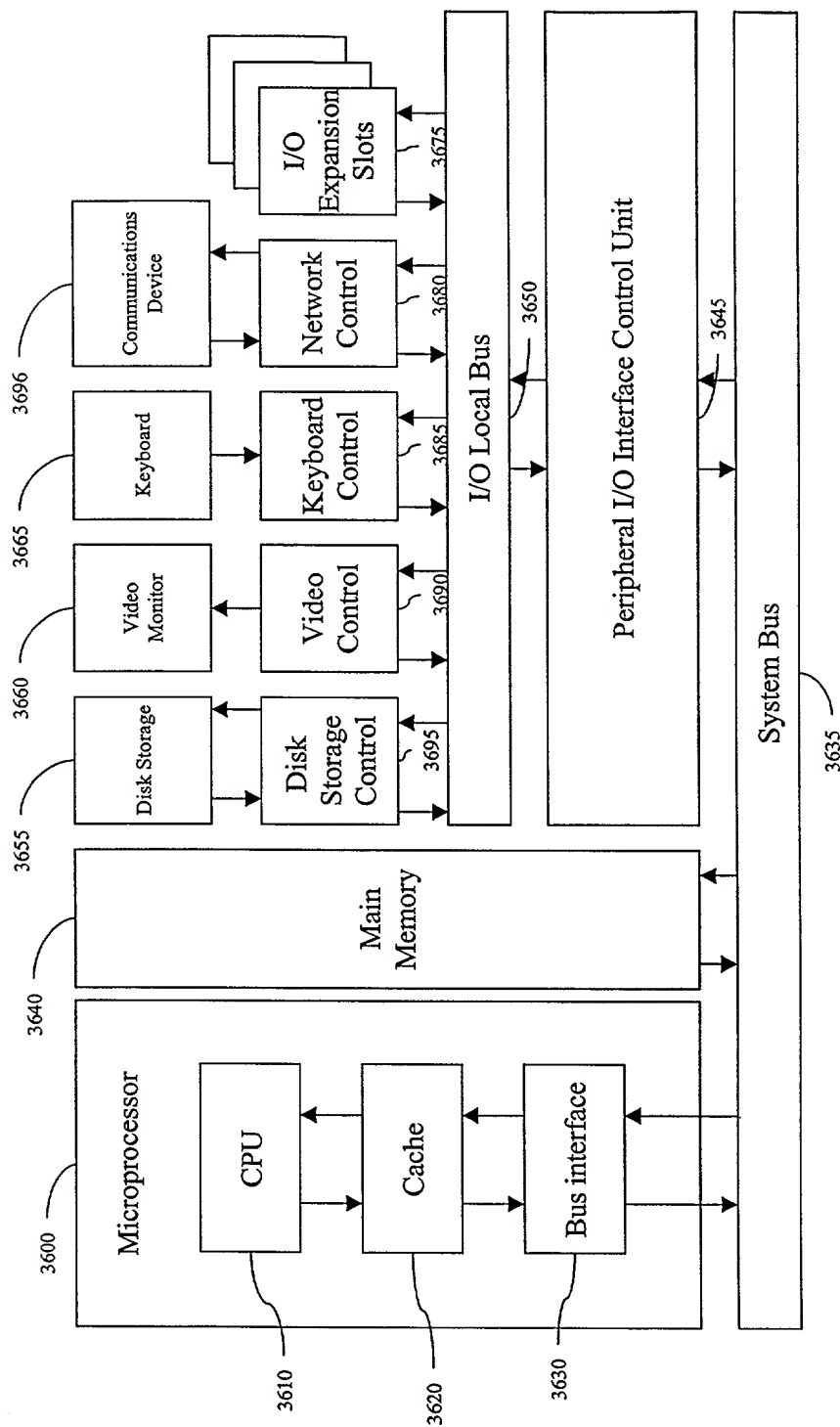


FIG. 2

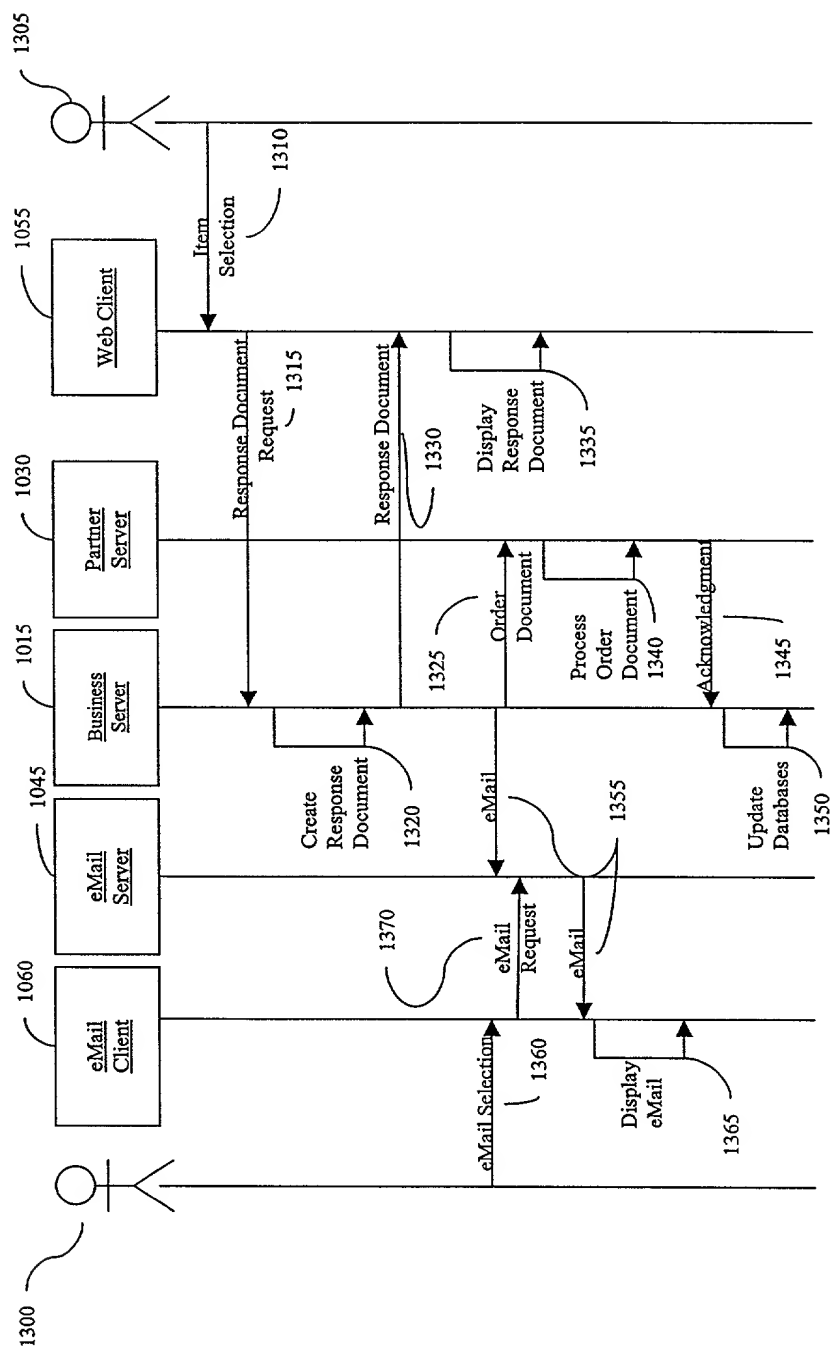


FIG. 3

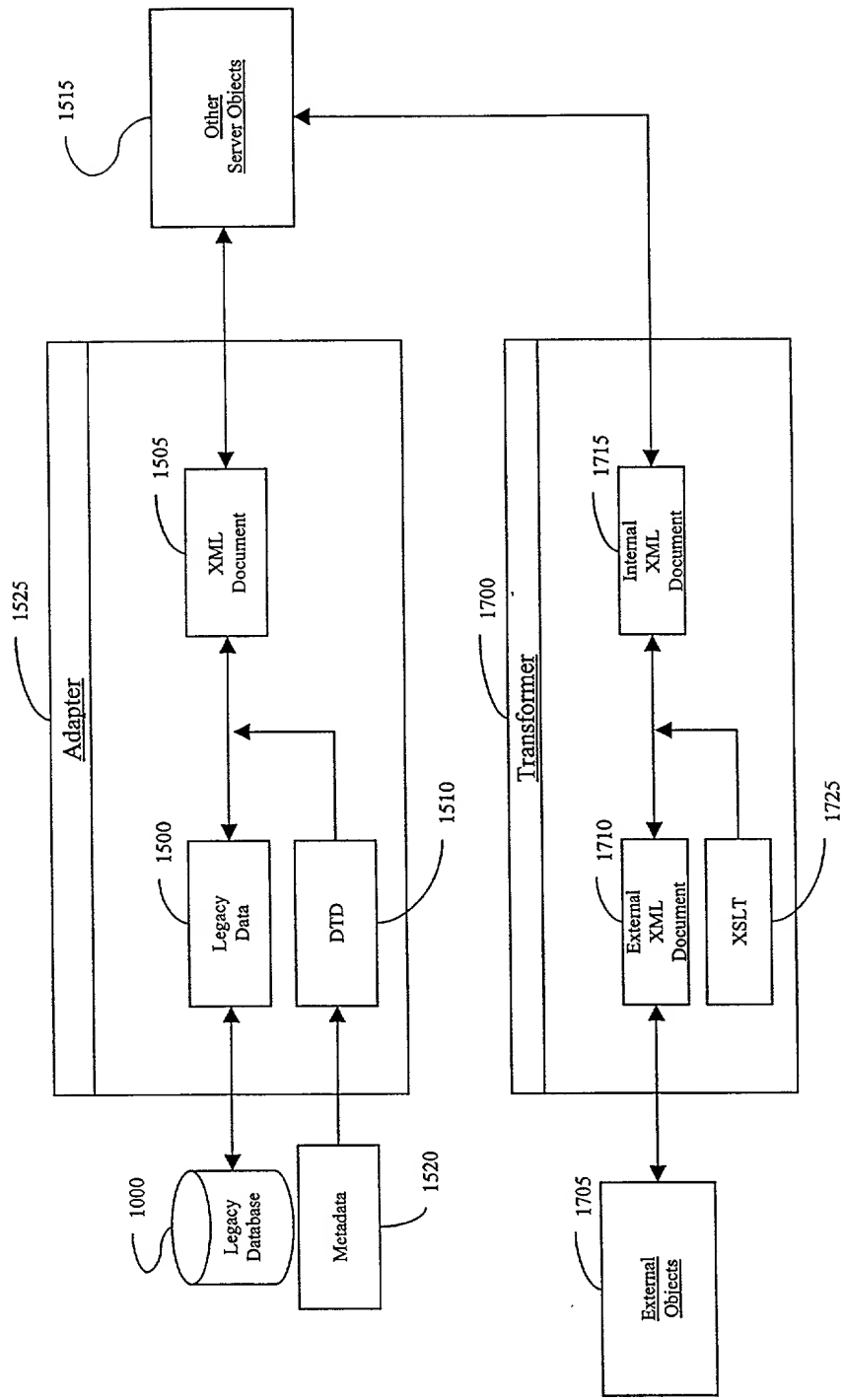


FIG. 4

FIG. 5 is a block diagram of a DOM Object 1800. The DOM Object 1800 contains a DOM representation of an XML document 1805. The DOM representation of an XML document 1805 is represented by a tree structure. The DOM Object 1800 has three methods: Read 1810, Add 1815, and Delete 1820.

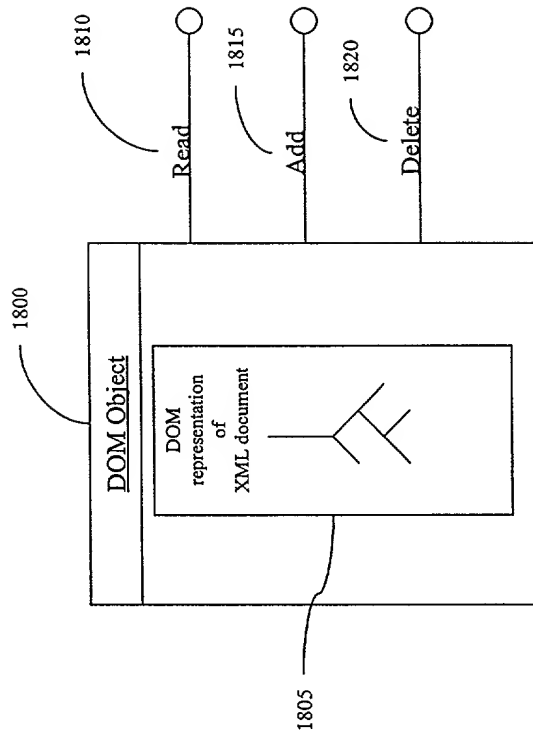


FIG. 5

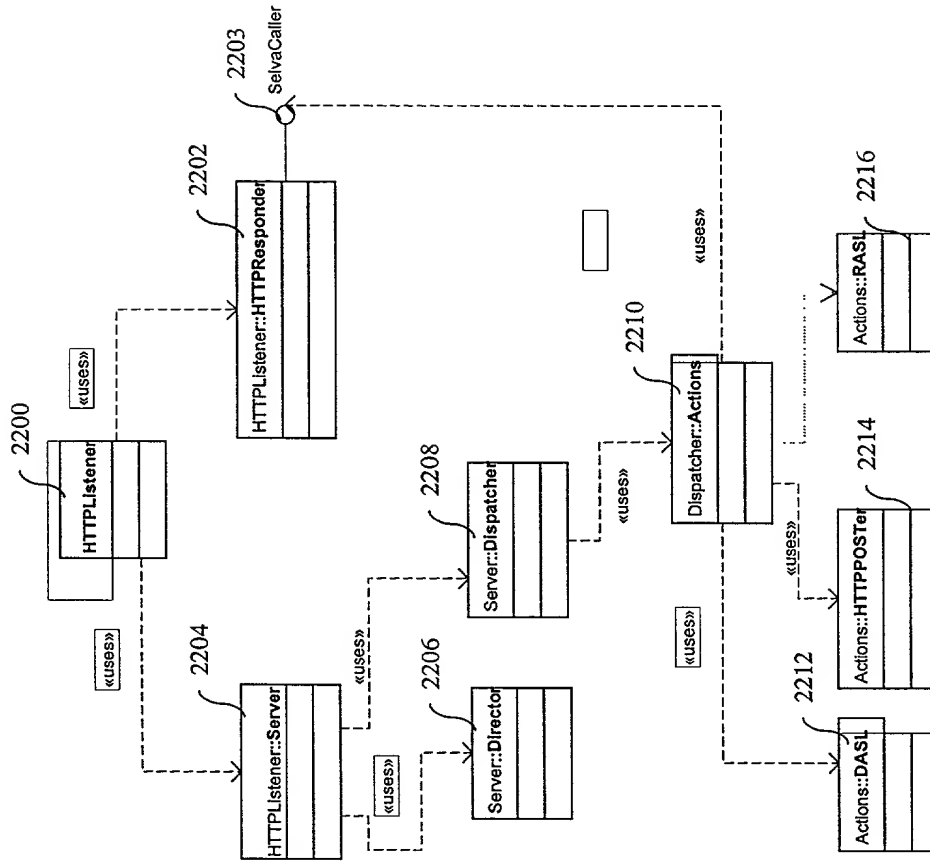


FIG. 6

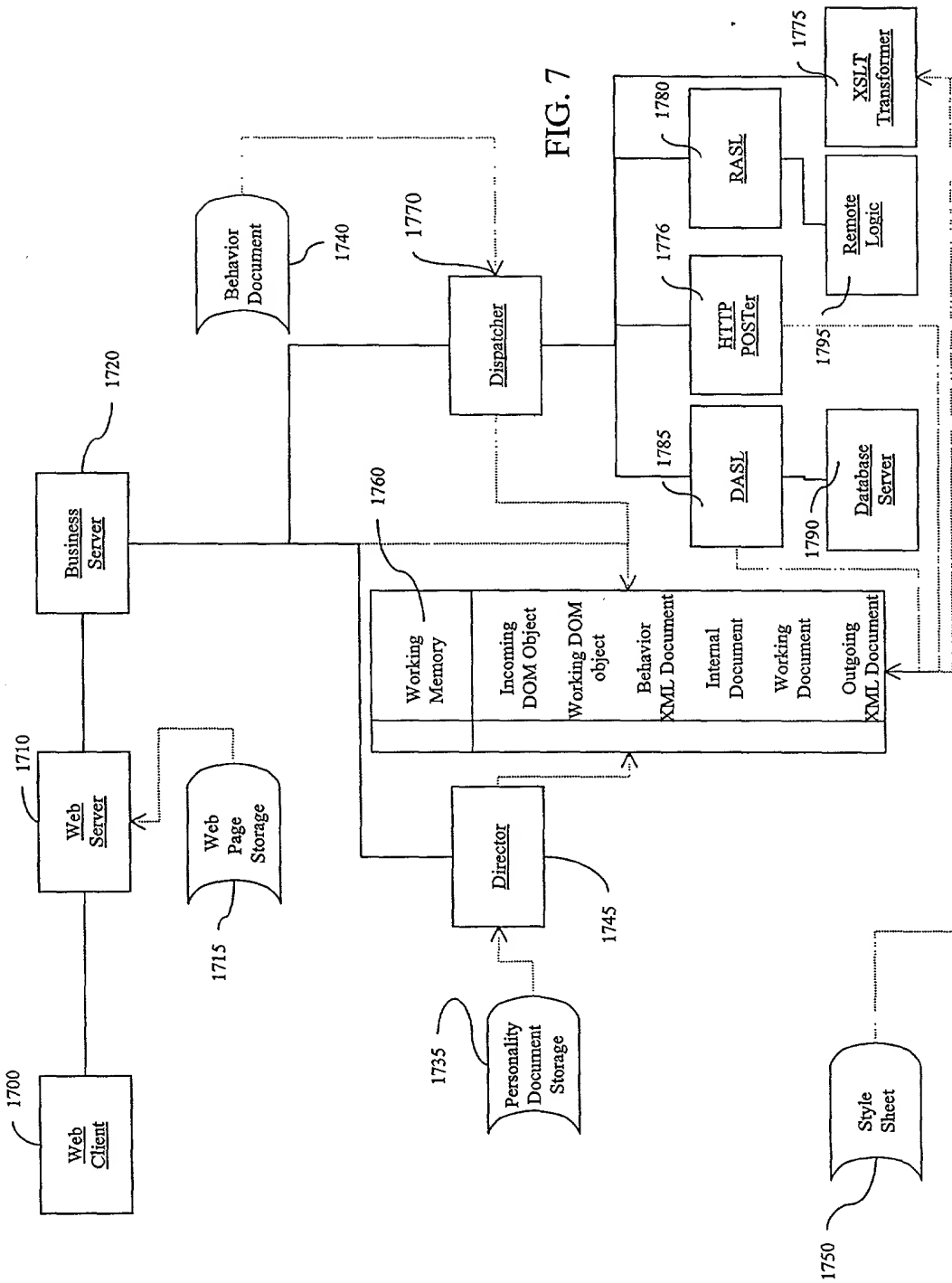
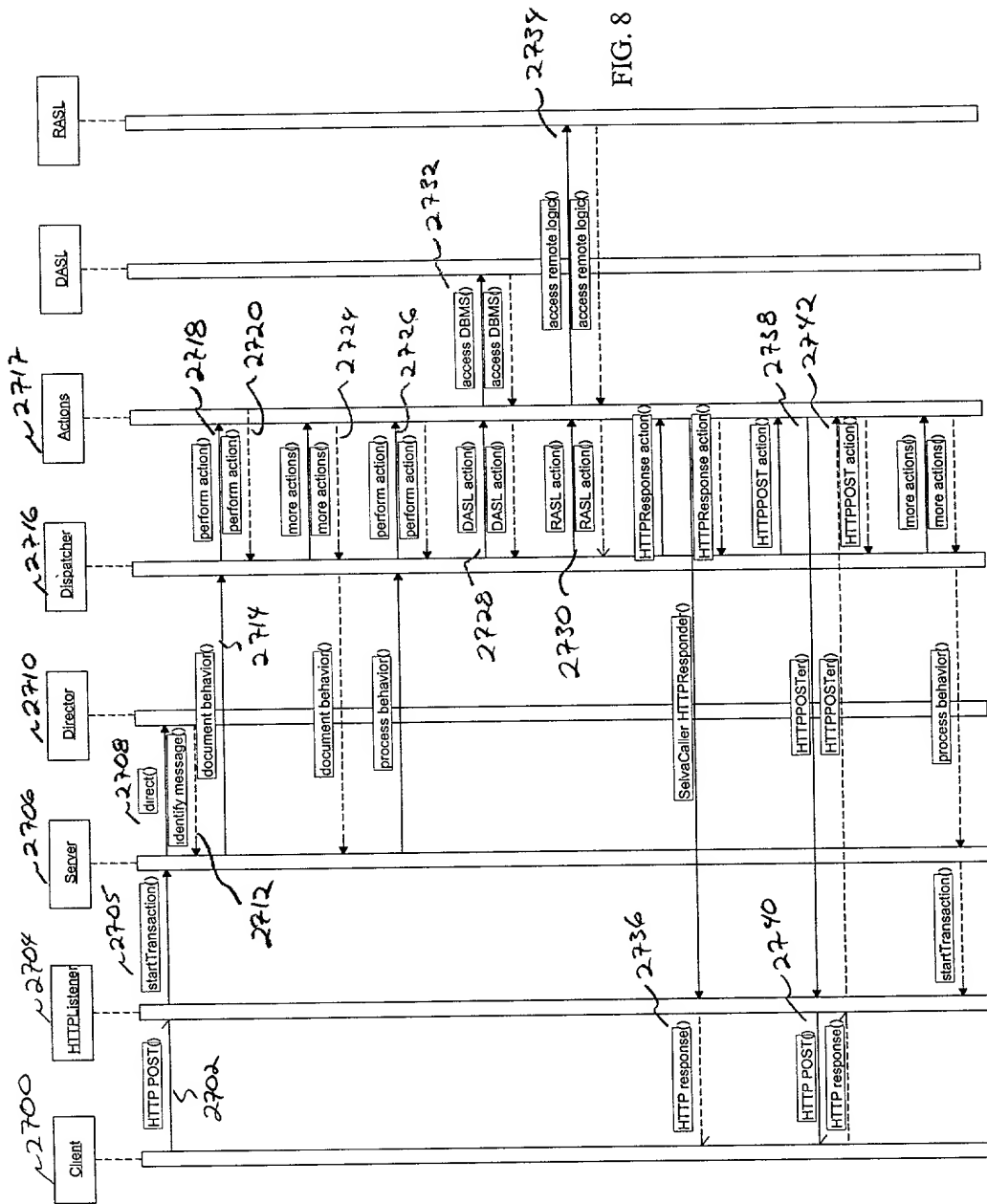


FIG. 7




```

<selva:Personality xmlns:selva="http://www.server.com/Selva/Personality">
  <businessDocuments>
    <businessDocument name="RosettaNetPORequest"
      type="XML|Java|EJB|COM|Resume"
      objectId="ProgID|JavaClass|Bean"
      businessProcess="businessProcessName"
      documentBehavior="RosettanetPORequest.xml"
      connectionXPath="XPathToConnection"
      GUIDSource="documentName"
      GUIDXPath="XPathToGUID"
      newInputDocumentName="ResponseDocument2">
      <criteria>
        <testBatch>
          <test testSourceName="inputDocument" XPath="/Pip3A4PurchaseOrderRequest"/>
        </testBatch>
      </criteria>
    </businessDocument>
  </businessDocuments>
  <businessProcesses>
    <businessProcess name="PurchaseOrder" processBehavior="behaviorfile.xml" />
  </businessProcesses>
  <businessMethods>
    <businessMethod name="myFunction"
      WSDLFile="WSDLFiles\OurWSDLFile.xml"
      type="Java|EJB|COM|XML"
      pathInfo="GETorPOSTPathInfo"
      localObjectName=" ProgID|JavaClass|Bean" />
  </businessMethods>
</selva:Personality>

```

FIG. 9

2100

<selva:Behavior xmlns:selva="http://www.server.com/Selva/Behavior">

<description>

What this behavior is all about

</description>

<action name="xxxxxxxxxx"

type="xxx">

<description>

What this action is all about...

</description>

<criteria>

See Server Structures document for description of criteria

</criteria>

</action>

other actions here

</selva:Behavior>

FIG. 10

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2300
2302 <Behavior>
2304   <action name="actionName"
2306     type="DASL"
2308     DASLType="select|insert|update|delete|anythingElse"
2310     writeOptimistic="True|False"
2312     originalNameOptimistic="DocumentName"
2314     originalXPathOptimistic="XPathToOriginalValues"
2316     DBRulesFile="pathToDBRulesFile"
2318     source="*String|sourceDocumentName"
2320     sourceContextXPath="XPathToContext"
2322     target="targetDocumentName"
2324     targetXPath="targetXPath" >
2326     <sourceString> <![CDATA[...]]></sourceString>
2328     <parameter DBRuleName="DBRuleName"
2330       parameterCounter="n"
2332       parameterXPath="XPathToSource"
2334       parameterSelectSingle="True|False"
2336       constantValue="aConstantValue"
2338       repeatForAll="True|False"/>
      Other parameters here
    </action>
    Other actions here
  </Behavior>

```

FIG. 11

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2400 <selva:DBRules xmlns:selva="http://www.server.com/Selva/DBRules">
    <DBRule name="DBRuleName"
        selectSingle="True|False"
        type="select|insert|update|delete|anythingElse"
        connectionXPath="XPathToConnectInfo"
        contextXPath="RelativeXPathContext"
        contextSelectSingle="True|False"
        targetXPath="XPathToTarget" >
        2402 <command>
            2404 <text>
                SELECT InStock "InStock", ReOrderLevel "ReOrderLevel",
                UnitPrice "UnitPrice"
                FROM Inventory, Items
                WHERE ((ItemId = Items.PKId) AND (ItemId = ?) AND StoreId=1)
            </text>
            2406 <parameter type="Integer"
                scale="n"
                precision="n"
                nullable="Yes|No|Unknown">
                2408 <description>
                    Inventory Part Number
                </description>
            </parameter>
        </command>
        2410 <row
            containAllName="InventoryLines"
            containerName="InventoryLine"
            originalValueAttribute="originalValue"
            counterAttribute="rowCounter"
            DBRulesFileAttribute="DBRulesFile"
            DBRuleNameAttribute="DBRuleOffset"
            namespacePrefix="dbr"
            namespaceURI=
                "http://www.gaexpress.com/Selva/DBRules/writeOptimistic"
        />
    </DBRule>
</selva:DBRules>

```

FIG. 12

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2500 </Behavior>
      Other actions here
2502 <action name="actionName"
      type="RASL"
2504   RPCRulesFile="pathToRPCRulesFile"
2506   source="*String|sourceDocumentName"
      contextXPath="XPathToContext"
      contextSelectSingle="True|False"
      target="targetDocumentName"
      targetXPath="targetXPath">
      <sourceString> <![CDATA[...]]></sourceString>
      <parameter parameterCounter="m"
      parameterXPath="XPathToSource"
      parameterSelectSingle="True|False"
      constantValue="aConstantValue"
      repeatForAll="True|False" >
      other parameters here
      </action>
      other actions here
</Behavior>

```

FIG. 13

```

2602
<selva:RPCRules xmlns:selva="http://www.ser.com/Selva/RPCRules">
  <RPCRule SOAPNamespace="uri"
2604      identityURLXPath="XPathToURLConnectionInfoInIdentity">
        URLSource="documentName"
        URLXPath="XPathToURLConnectionInfoInURLSource"
        URLString="http://localhost/DuamishSOAP/CInventory.asp"
        contextXPath="XPathToContext"
        contextSelectSingle="True|False"
        targetXPath="XPathToTarget"
        role="admin"
        method="basic"
        userId="foo"
        password="bar"
        domain="myDomain" >
    <command methodName="getInStock" >
2606     <parameter name="name"
2608         type="Integer"
        scale="n"
        precision="n"
        nullable="n">
        <description>
2610             Inventory Part Number
        </description>
    </parameter>
    </command>
    <row
2612         containAllName="InventoryLines"
        containerName="InventoryLine" />
  </RPCRule>
</selva:RPCRules>

```

FIG. 14